

USDC SCAN INDEX SHEET



PRICE

COUNTY OF SAN DIEGO

TB 11/6/97 9:57

3:94-CV-01917

\*177\*

\*DECL.\*

1 CHARLES R. WOODS, ESQ. (SB#95637)  
2 TROST, STREET, WOODS & MESSINA  
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San Diego, California 92101  
(619) 233-7633

4 Attorneys for Plaintiffs

FILED

NOV 5 1997

MURKIN, CLERK U.S. DISTRICT COURT  
SOUTHERN DISTRICT OF CALIFORNIA  
DEPUTY

8 IN THE UNITED STATES DISTRICT COURT

9 FOR THE SOUTHERN DISTRICT OF CALIFORNIA

10 ANN PRICE, an individual; ) CASE NO. 94-1917R (AJB)  
11 ANN PRICE, as Guardian ad )  
Litem of BENJAMIN PRICE, a ) DIRECT EXAM/TRIAL  
12 Minor and UNBORN BABY PRICE, ) DECLARATION OF PLAINTIFFS'  
a Minor in Utero; ROBERT ) EXPERT PATHOLOGIST, DONALD T.  
13 PRICE; MARGARET PRICE and the ) REAY, M.D.  
Estate of DANIEL L. PRICE, )  
deceased, through its )  
14 Administrator, ANN PRICE, )  
Plaintiffs, ) TRIAL DATE: July 29, 1997  
15 v. ) TIME : 9:00 a.m.  
16 ) COURTROOM : 5  
17 COUNTY OF SAN DIEGO; ) JUDGE :  
18 JOHN GROFF; STEVEN CLAUSE; ) HONORABLE JOHN S. RHOADES  
19 MARK TALLEY; JIM ROACHE; )  
SAM SHEPARD; and DOES 1 )  
through 50, inclusive, )  
Defendants. )  
21

22 I, DONALD T. REAY, M.D., declare and if called as a witness  
23 would competently testify to the following from my own personal  
24 knowledge:

- 25 1. That I am plaintiffs' retained expert witness in the area  
of anatomic, clinical and forensic pathology in the above-captioned  
case.
- 26 2. That I am the Chief Medical Examiner for King County,

177<sup>1</sup>

ORIGINAL

1 Seattle, Washington. My Curriculum Vitae is attached hereto as  
2 Exhibit 1 and incorporated by this reference.

3       3. That since 1982 I have been evaluating deaths involving  
4 police restraint techniques and the phenomenon known as positional  
5 asphyxia. My studies have been primarily concerned with the  
6 sometimes fatal interplay of persons restrained by various police  
7 restraint techniques. I have also read the autopsy report on DAN  
8 PRICE, conducted by John W. Eisele, M.D., deputy Medical Examiner  
9 of San Diego. I have also read the hospital records on Mr. PRICE,  
10 after he was transported from the scene of the hogtying and  
11 restraint, to Pomerado Hospital.

12      4. I have read the deposition testimony of Dr. Tom Neuman,  
13 the pulmonary medicine expert designated by the defendants in this  
14 action. Further, I have read Dr. Neuman's study entitled  
15 "Restraint Position and Positional Asphyxia". I note that, to my  
16 knowledge, said study has not been published in any medical  
17 journal.

18      5. The primary focus of my study was not the measurement of  
19 oxygen levels following exertion, but rather the impact on a  
20 restrained person's ability to breathe and replenish oxygen levels  
21 when restrained. The fact that I used a pulse oximeter in my  
22 studies as opposed to drawing arterial blood gas and whether my  
23 concept of oxygen levels being decreased or increased following  
24 exertion, was not of crucial importance. The fact remains that  
25 regardless of whether oxygen levels increase following exertion  
26 that condition presupposes that the lungs are able to replenish the  
27 oxygen in a person's system. That is why a person who is winded  
28 after a long sprint or run, is often times gasping for air -

1 because that person has increased oxygen needs. When a person is  
2 sat upon by a 270 lb. deputy or a 225 lb. deputy presses his knee  
3 into the small of the back of a restrained person, (as was the case  
4 with DAN PRICE) common sense and sound medical science tells us  
5 that that person will have difficulty breathing and, hence, because  
6 of the diminished "bellows-action" of the lungs (because of the  
7 external pressure), will be unable to meet the oxygen demands of  
8 that person's system. In this scenario, a person's oxygen levels  
9 are, in fact, decreased because the lungs cannot fill up with air.

10       6. I am not the only physician or scientist in the country  
11 that have made the same conclusions that I have made. I have kept  
12 in touch with colleagues who have done similar studies throughout  
13 the country and I have read such studies.

14       Dr. Harold MacDannald, a pulmonologist in Northern California,  
15 has contacted me recently and tells me that his study, from the  
16 pulmonology viewpoint, confirms my studies and conclusions. I have  
17 read Dr. MacDannald's study, and it does confirm my studies.

18       7. I have written the following articles and studies:  
19 "Effects of Positional Restraint on Oxygen Saturation and Heart  
20 Rate Following Exercise" and "Positional Asphyxia During Law  
21 Enforcement Transport". All of my articles herein have been  
22 published and subjected to peer review, (unlike the UCSD study).  
23 I have read other studies, such as: "Restraint Asphyxiation in  
24 Excited Delirium" by Drs. R. L. O'Halloran and L.V. Lewman and  
25 Letters to Editor re: Restraint Asphyxiation by Charles S. Hirsch,  
26 M.D., other pathologists and medical examiners, across the country,  
27 who have made the same findings as I have, i.e. that maximum  
28 restraints, particularly so-called hogtie restraints do, in fact,

1 lead to positional asphyxia.

2       8. Additionally, these studies also stress the point that  
3 even if not hogtied, that a person who is left prone, (on their  
4 belly), are susceptible to positional asphyxia, especially when  
5 those persons have endured a high energy struggle with police, are  
6 under the influence of drugs, are mentally ill, have had discharge  
7 of catecholamines in their system and are subject to external chest  
8 restriction.

9       9. I note also, that Dr. Neuman's studies do not accurately  
10 recreate the facts of Dan Price's death, the cause of which was, in  
11 my opinion, accurately diagnosed by the San Diego Medical Examiner,  
12 John Eisele, M.D., as death by "Hypoxic Encephalopathy, due to  
13 "Restrictive Asphyxia with Cardio-Pulmonary Arrest, due to Maximum  
14 Restraint in Prone Position by Law Enforcement." I note that Dr.  
15 Neuman's test subjects were young men of different builds and body  
16 fat content from Dan Price; that none of the subjects were  
17 subjected to outside pressures on their back, i.e. from deputies or  
18 persons similar to the deputies involved in the Price case  
19 including 270 lb. Deputy Groff and 225 lb. Deputy Talley, both of  
20 whom applied pressure to Mr. Price's back, while he was hogtied and  
21 earlier, prior to his death; none of the subjects were pressed upon  
22 134 degree asphalt street paving which would create stress factors  
23 in any detained person, because of the intense heat being  
24 generated; none of the test subjects had small non-lethal amounts  
25 of methamphetamine in their system; none were experiencing  
26 emotional and psychological problems; none had just undergone a  
27 violent struggle resulting in facial wounds and deep wrist and  
28 ankle abrasions from the manacles used, and none had been "pepper

1 sprayed" two or three times prior to the hogtying.

2       10. Therefore, I can say certainly that the UCSD study  
3 conducted by Dr. Neuman and his colleagues does not recreate the  
4 instances of Dan Price's death. My medical opinion remains  
5 unchanged but enlightened by the defendants' study, which I note,  
6 was bought and paid for many years after I conducted my independent  
7 studies and four years after San Diego Police Department and many  
8 other police agencies had accepted my theories and banned hogtying,  
9 and nearly two years after the death of Dan Price and the filing of  
10 the wrongful death action on behalf of Dan Price, by his family.  
11 Further, I am aware that by August 1994, the San Diego County  
12 Sheriff Department less than two months after DAN PRICE's death,  
13 [but two years after the San Diego Police Department Final Report  
14 of the Custody Death Task Force Report, which was based in part  
15 upon my studies, resulted in hogtie banning by San Diego Police  
16 Department and other agencies], finally informed its deputies in a  
17 Training Bulletin, of the dangers of hogtying and positional  
18 asphyxia.

19       11. Dr. Neuman and the UCSD study does not refute or negate  
20 the basic concept of positional asphyxia. It merely postulates  
21 that hogtying healthy, voluntarily exercised people doesn't cause  
22 pulmonary restriction significant enough (only 13% deficit) to kill  
23 them. DAN PRICE and the instances of his death, bear little  
24 similarity to Dr. Neuman's subjects or study.

25       12. In preparing my opinions in this case, I have reviewed  
26 the San Diego Medical Examiner's investigative report and autopsy  
27 report; photos of Dan Price; deposition of Dr. John W. Eisele;  
28 depositions of sheriff deputies John Groff, Steven Clause, Samuel

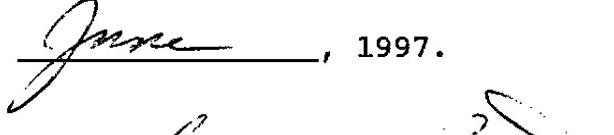
1 Sheppard and Mark Talley; interviews by San Diego sheriffs of the  
2 four deputies (Groff, Clause, Sheppard and Talley); statements of  
3 witnesses including Amber and Heather Creighton, Sandi Bias, Gene  
4 Syrios, Tim Thomas, Jeff Alan Butler, National Weather Service  
5 Information regarding the temperature on the date of this incident  
6 and Poway Fire Department and San Diego Fire Department paramedic  
7 records, as well as Dan Price's hospital records for his treatment  
8 at Pomerado Hospital for the period of June 28 through June 30,  
9 1994.

10       13. Based on my review of this material and all my studies  
11 and experience as a pathologist, particularly with respect to my  
12 studies of the phenomenon known as positional and restrictive  
13 asphyxia, I am of the opinion, to a reasonable medical certainty,  
14 that Dan Price died as a result of the restraint maneuver which  
15 included restriction of his breathing with his face down in a prone  
16 position. Chronologically, the hogtie restriction came first, then  
17 the cardiac pulmonary arrest occurred causing the hypoxic  
18 encephalopathy, as properly assessed by Dr. John W. Eisele. The  
19 asphyxiation is the process which was set in motion by the hogtie  
20 maneuver and the compression, which did not allow for an effective  
21 exchange of oxygen to occur for Mr. Price. Further, I am of the  
22 opinion, to a reasonable medical certainty, that methamphetamine  
23 did not cause Dan Price's death. A review of the autopsy records  
24 indicates to me that Dan Price did not have the large heart vessel  
25 damage usually associated with arteriosclerosis. Further, I am of  
26 the opinion to a reasonable medical certainty that Dan Price would  
27 not have experienced a cardiac event had he not been hogtied and  
28 would still be alive today had he not been hogtied by

1 the sheriff deputies in this case. Although hogtying is inherently  
2 neutral, in some situations, as it was applied to Dan Price, based  
3 on my review of the history and the records, it can and will be  
4 fatal, as it was to Dan Price. Physiologically, hogtying causes a  
5 person to lie face down (if left to do so) which causes the  
6 abdominal contents to be pushed up against the diaphragm. If there  
7 is then some weight placed upon the back of the individual and that  
8 individual is unable to move his chest, coupled with muscle  
9 fatigue, effectiveness of that person's breathing in a face down  
10 prone position becomes more labored and can be fatal, as it was to  
11 Dan Price.

12 I declare under penalty of perjury pursuant to the laws of the  
13 United States of America that the foregoing is true and correct.

14 Executed this 1 day of June, 1997.

15  
16   
17 DONALD T. REAY, M.D.  
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28



## **EXHIBIT 1**

## CURRICULUM VITAE

### PERSONAL:

Donald T. Reay 10800 12th N.W. Seattle, WA	Date of Birth: Place of Birth: Married: Judith	14 May 1937 Rock Springs, WY Children: 4
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### EDUCATION:

Undergraduate:	University of Notre Dame South Bend, Indiana	Bachelor of Science 1955-1959
Medical Education:	University of Utah Salt Lake City, Utah	Doctor of Medicine 1959-1963
Internship:	University of Utah Salt Lake City, Utah	Med-Path Intern 1963-1964
Residency:	University of Utah & Holy Cross Hospital Salt Lake City, Utah	AP-CP Resident 1964-1967
Fellowship:	Cleveland Clinic Cleveland, Ohio	Forensic Pathology 1967-1968
Graduate:	Seattle University Seattle, Washington	Masters in Public Administration 1978

### BOARD CERTIFICATION:

Anatomic and Clinical Pathology:	May 1969
Forensic Pathology:	May 1970

### LICENSE TO PRACTICE:

Washington 1973

Previous Licensure: Utah, Wyoming

EX / DATE 4-21-97  
INTERESTS Reay  
C.M. CHRISTY

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**MILITARY SERVICE:**

Active Duty USAF	Lt. Col.	1968 to 1973
USA Reserve (Retired) Colonel		1980 to 1995
Active Duty USA 11 Jan 91 to 12 Apr 91 Operation Desert Storm		Madigan Army Medical Center

**MEMBERSHIP IN MEDICAL AND SCIENTIFIC SOCIETIES:**

American Society of Clinical Pathology (Fellow)  
American Academy of Forensic Science (Fellow)  
Washington Society of Pathologists  
National Association of Medical Examiners  
Pacific Northwest Society of Pathologists  
King County Medical Society  
Washington State Medical Association  
American Medical Association  
Canadian Society of Forensic Sciences  
College of American Pathology (Fellow)  
American Association of Military Surgeons  
International Wound Ballistics Association

**OFFICES IN MEDICAL/SCIENTIFIC SOCIETIES:**

Armed Forces Institute of Pathology: Scientific Advisory Board:	15 Nov 94-96
Association of Military Surgeons of the United States: Editorial Board	Appointed 1991
Journal of Forensic Sciences: Editorial Board	Appointed 1990
National Association of Medical Examiners: a) President b) Chairman, Board of Directors c) Board of Directors & Executive Committee d) Pro-Tem Secretary Treasurer	(1987-1988) (1988-1989) (1981-1989) (1988-1989)
Washington State Society of Pathologists:	Past President (1981-1983)
American Board of Pathology: Forensic Test Committee	(1981-1986)

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Washington State Medical Association: Interspecialty Committee Past Member

American Journal of Forensic Medicine & Pathology:  
Editorial Board (1980-1989)

American Society of Clinical Pathologists:  
Forensic Council - Continuing Medical Education Committee  
(1984 to 1990)

American Society of Clinical Pathologists:  
Committee - In-service Examination for AP Residents  
(1984)

**COMMITTEE AND PUBLIC POLICY BOARDS:**

Governor's Forensic Investigation Council, January 1984, Chairman - 1986 to present

Forensic Committee, College of American Pathologists 1989 - Present

Member - Panel selected to review Maga autopsy in the Singapore - Philippine controversy, 1995

DNA Fingerprinting Technical Advisory Committee Chairman, King County, 1988

DNA Identification Oversight Committee, (Appointed by Governor), 1989

King County Executive's Committee to study use of force in detention facilities  
December 1983

Mayor's Committee on drunk drivers - August 1983 - 1984

Corrections Standard Board Advisor, Olympia, Washington - 1981

Washington State Medical Association Committee on drunk driving - 1983

Executive Committee, King County Medical Society - Anti-Drinking and Driving Committee - 1985

Recombinant DNA Committee, University of Washington - 1985 - 1986

Serial Murder Multi-Agency Investigation Team Project - Texas Criminal Justice Center - Sam Houston State University 1986

Executive Committee, Harborview Injury Prevention Center June 1986 to present

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**MAJOR POSITIONS:**

Chief Medical Examiner King County, Seattle, Washington	1 Nov 1975 to present
Deputy Chief Medical Examiner King County, Seattle, Washington	17 Dec 1973 to 1 Nov 1975
Chief, Department of Pathology USAF Academy USAF Academy Hospital	15 Jul 1972 to 15 Dec 1973
Senior Specialist in Histopathology RAF Halton RAF Institute of Pathology and Tropical Medicine	15 Jul 1970 to Jul 1972
Chief, Accident Pathology Branch Armed Forces Institute of Pathology, Wash, DC and Registrar, Registry of Accident Pathology	Aug 1968 to 15 Jul 1970

**ACADEMIC - RESEARCH - OTHER POSITIONS:**

Professor of Pathology, University of Washington, Seattle, Washington	1 Jul 1991 to present
Associate Professor of Pathology, University of Washington, Seattle, Washington	1 Jul 1983 to present
Assistant Professor of Pathology, University of Washington, Seattle, Washington	1 Mar 1974 to 1 Jan 1983
Clinical Faculty, School of Health Sciences of Seattle Pacific University, Seattle, Washington	1 Jun 1979 to 1 Jun 1980
Course Director, Annual Death Investigation Seminar University of Washington, Seattle, Washington	Biennial
Police Instructor, Police Standards Council, Sitka, Alaska	May 1978 to May 1982
Instructor, Criminal Justice Training Commission, State of Washington	1978 to present
Instructor, Washington State Patrol Academy, Shelton, Washington	1980 to present

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Lecturer in Forensic Medicine, USAF Academy Colorado	Jul 1972 to Dec 1973
AFIP Consultant, National Highway Safety Bureau Dept. of Transportation, Washington, DC Universities Associated for Research Scientist and Education in Pathology, AFIP Associate	Oct 1970 to 5 Jul 1973 1 Jan 1969 to 15 Jul 1970
Skylab Medical Recovery Team, Missions III & IV, NASA-USAF	1972 - 1973
Member, NATO Committee on Traffic Safety Wolfsberg, Germany	Sep 1968

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PUBLICATIONS:

Reay, D.T., Weissman, N., and Carnes, W.H.: Effects of elastase digestion and formic acid extraction on aortas from copper-deficient pigs, Fed. Proc. 22:161, 1963

Weisman, N., Reay, D.T., Coulson, W.F. and Carnes, W.H.: Elastin content of aorta determined by elastase digestion and formic acid extraction, Lab. Invest. 14:372, 1965

Adelson, L., Huntington, R.W., and Reay, D.T.: "A Prisoner is Dead". Police 13:49, 1968

Reay, D.T., and Modic, J.L.: Splenic rupture in childhood infectious mononucleosis, Ohio St. Med. J. 65:388, 1969

Reay, D.T.: The time of death, Military Police Journal 19:11, 1969

Reay, D.T.: Case for diagnosis (traumatic pneumocephalus) Milit. Med. 134:359, 1969

Reay, D.T. and Hazelwood, R.: Death in military police custody and confinement, Milit. Med. 135:342, 1970

Reay, D.T.: Syllabus on accident pathology with 100 slides, 30 pp. Published by American Registry of Pathology, July 1970

Reay, D.T.: Accident Pathology, USAF Med. Serv. Dig. 21:15, Nov 1970

Reay, D.T.: USAF/RAF Exchange Program for Pathologists. USAF Med. Serv. Dig. 22:34, June 1971

Reay, D.T.: Current methods in automobile accident pathology. Int. Acad. of Path. Bull., Spring Edition: 10, 1972

Reay, D.T.: Policies, procedures and structure. January 1977: Deaths under the jurisdiction of the Medical Examiner. February 1977: Natural death and the Medical Examiner. March 1977: When a Medical Examiner's autopsy is performed. April 1977: Release of autopsy examination. May 1977: The Medical Examiner and deaths in the emergency room. July 1977: Violent death in King County 1979: November 1980; Bulletin of King County Medical Society

Reay, D.T.: "The development of rational medicolegal death investigation in the United States: An Historical Perspective"? (Unpublished Master's Thesis, Seattle University, 1978)

Reay, D.T.: The investigation of sudden and violent death, University of Washington Medicine, Vol. 5, No. 4:3-10, Winter 1978

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Reay, D.T.: Death investigation performed by Medical Examiner, University of Washington Hospitals SYNAPSE: Vol 6, No.1, February/March 1979

Reay, D.T. and Nakonechny, D.S.: Sudden death due to pneumococcal sepsis in splenectomy, J. For. Sci., 24:757-761, October 1979

Reay, D.T.: Forensic Medicine. Encyclopedia of Science and Technology 5th Edition, Fall 1980

Eisele, J.W. and Reay, D.T.: Death related to coffee enemas, JAMA, 224:1608-9, October 1980

Eisele, J.W. and Reay, D.T.: Sites of suicidal gunshot wounds, J. For. Sci. 6:480-485, July 1981

Reay, D.T. and Chevrier, M.I.: Policy and Procedural Manual - King County Division of Medical Examiner, September 1980

Wales, L.R., Morishima, M.S., Reay, D.T., and Johansen, K.: Nasogastric tube displacement in acute traumatic rupture of thoracic aorta: A study in victims in fatal motor vehicle accidents, Am. J. Roentgen., May 1982

Eisele, J.W., O'Halloran, R.L., Reay, D.T., Lindholm, G.R., Lewman, L.V., and Brady, W.J.: Deaths from acute volcanism, NEJM. 305:931-936, October 1981

Reay, D.T. and Eisele, J.W.: Deaths from law enforcement neck holds, Am. J. For. Med. & Path., 3:253-258, September 1982

Reay, D.T. and Halloway, G.A.: Changes in carotid blood flow produced by neck compression, Am. J. For. Med. & Path., 3:199-202 September 1982

Eisele, J.W., Bonnell, H.J., and Reay, D.T.: Boot top fractures in pedestrians: A forensic masquerade, Am. J. For. Med. & Path., 4:181-184, June 1983

Reay, D.T. and Mathers, R.L.: Physiological effects of neck holds, FBI Law Enforcement Bulletin, pp 12-15, July 1983

Reay, D.T. and Eisele, J.W.: Sexual abuse and death of an elderly woman by fistig, Am. J. For. Med. & Path., 4:347-349, December 1983

Eisele, J.W. and Reay, D.T.: Ethanol in sequestered hematomas: Quantitative evaluation, Am. J. Clin. Path., 81:352-355, 1983

Reay, D.T., Insalaco, S.J. and Eisele, J.W.: Postmortem methemoglobin levels and their significance, J. For. Sci., 29:1160 1163, October 1984

Eisele, J.W., Frisino, J.D., Haglund, W.D. and Reay, D.T.: Teenage suicide in King County, King County Med. Soc. Bull., 63:24-25, May 1984

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Reay, D.T., Eisele, J.W., Ward, R., Horton, W., and Bonnell, H.J.: A procedure for the investigation of anesthetic/surgical deaths. J. For. Sci., 30:822-827, July 1985

Luke, J.L., Reay, D.T., Eisele, J.W. and Bonnell, H.J.: Correlation of circumstances with pathological findings in asphyxial deaths by hanging: A prospective study of 61 cases from Seattle, Washington. J. For. Sci., 30:1140-47, October 1985.

Kellerman, A. and Reay, D.T.: Protection or Peril?: An analysis of firearm-related deaths in the home. NEJM, 314:1557-1560, June 1986.

Reay, D.T., Haglund, W.D., Bonnell, H.J.: Wah Mee Massacre: The Murder of Thirteen Chinese Adults in a Seattle Gambling Club. J. For. Med. & Path., 7(4):330-336, 1986

Monnat, R.J. and Reay, D.T.: Nucleotide Sequence Identity of Mitochondrial DNA from Different Human Tissues. GENE, 43:205-211, 1986

Ward, R.J., Eisele, J.W., Reay, D.T., Horton, W.G.: Hemolysis and Hyperkalemia Complicate Malignant Hyperpyrexia during Anesthetic Death. J. For. Sci., 31:543-545, April 1986

Eisele, J.W., Frisino, J., Haglund, W., & Reay, D.T.: Teenage Suicide in King County, Washington: I. Rates of Suicides for 26 Years. Am. J. For. Med. & Path., 8:208-209, September 1987

Eisele, J.W., Frisino, J., Haglund, W., & Reay, D.T.: Teenage Suicide in King County, Washington: II. Comparison with Adult Suicides. Am. J. for. Med. & Path., 8:210-216, September 1987

Haglund, W.D., Reay, D.T., & Snow, C.C.: Identification of Serial Homicide Victims in the Green River Murder Investigation. J. For. Sci., 32:1666-1675, November 1987

Reay, D.T. & Fligner, C.L.: Cause of Death (letter) JAMA 22:3253, 1987.

Reay, D.T., Howard, J.D., Fligner, C.L., & Ward, R.J.: Effects of Positional Restraint on Oxygen Saturation and Heartrate Following Exercise. Am. J. For. Med. & Path., 9(1):16-18, 1988.

Howard, J.D., Reay, D.T., Haglund, W.D., & Fligner, C.L.: Processing of Skeletal Remains: A Medical Examiner's Perspective. Am. J. For. Med. & Path., 9(3):258-264, 1988.

Haglund, W.D., Reay, D.T., & Swindler, D.R.: Tooth Artifacts and Survival of Bones in Animal-Scavenged Human Skeletons. J. For. Sci., 33:985-997, July 1988

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Sloan, J.H., Kellermann, A.L., & Reay, D.T., et al: Handgun Regulations, Crime, Assaults, and Homicide: A Tale of Two Cities. NEJM, 319:1256-1262, November 1988.

Haglund, W.D., Reay, D.T., & Snow, C.C.: "Identification of Serial Homicide Victims in the 'Green River Murder' Investigation," J. For. Sci., 32:1666--1675, November 1988.

Ward, R.J. & Reay, D.T.: Anesthetic Death Investigation, Legal Medicine 1989, Butterworth Legal Publishers, pp 39-58.

Reay, D.T. & Fligner, C.L.: Earlobe Creases (letter) Am. J. For. Med. & Path., 10(1):91, 1989.

Haglund, W.D., Reay, D.T., & Swindler, D.R.: Canid Scavenging/ Disarticulation Sequence of Human Remains in the Pacific Northwest, J. For. Sci., 34:587-606, May 1989.

Rivara, F.P., Reay, D.T., & Bergman, A.B.: Analysis of Fatal Pedestrian Injuries in King County, WA, and Prospects for Prevention, Public Health Reports, Vol. 104, No. 3:293-297, May-June 1989.

Sloan, J.H., Rivara, F.P., Reay, D.T., Ferris, J.A.J., & Kellermann, A.L.: Firearm Regulations and Rates of Suicide: A Comparison of Two Metropolitan Areas. NEJM, 322:369-373, February 1990.

Haglund, W.D., Reay, D.T., & Tepper, S.L.: Identification of Decomposed Human Remains by Deoxyribonucleic Acid (DNA) Profiling, J. For. Sci., 35:724-729, May 1990.

Reay, D.T.: Handbook of Forensic Pathology, College of American Pathologists, Chapters - Asphyxial Deaths & Deaths in Custody, pp. 117-123 & 267-269, May 1990.

Kellermann, A.L., Rivara, F.P., Reay, D.T. & Fligner, C.L.: Validating Survey Responses to Questions about Gun Ownership Among Owners of Registered Handguns. Am. J. Epidemiology, 31:1080-4, 1990.

Tepper, S.L., Fligner, C.L., & Reay, D.T.: Atlanto-occipital Disarticulation: Accident Characteristics. Am. J. For. Med. & Path., 11(3): 193-197, 1990.

Eddy, A.C., Rusch, V.W., Fligner, C.L., Reay, D.T., & Rice, C.L.: The Epidemiology of Traumatic Rupture of the Thoracic Aorta in Children: A 13 year Review. J. Trauma, Vol. 30, No. 8: 989-992, 1990.

Haglund, W.D., Reay, D.T., & Fligner, C.L.: Death Notification. Am. J. For. Med. & Path., 11(4): 342-347, 1990.

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Kellermann, A.L., Rivara, F.P., Banton, J., Reay, D.T., Fligner, C.L.: Validating Survey Responses to Questions About Gun Ownership Among Owners of Registered Handguns. Am. J. Epidemiol., 131:1080-4, 1990.

Loebel, J.P., Reay, D.T., et al: Anticipation of Nursing Home Placement May be a Precipitant of Suicide among the Elderly. JAGS, 39:407-408, 1991.

Haglund, W.D. & Reay, D.T.: Use of Facial Approximation Techniques in Identification of Green River Serial Murder Victims. Am. J. For. Med. & Path., 12(2): 132-142, 1991.

Reay, D.T., Fligner, C.L., Stilwell, A.D., & Arnold, J.: Positional Asphyxia During Law Enforcement Transport. Am. J. For. Med. & Path., 13(2):90-97, 1992.

Luke, J.L. & Reay, D.T.: The Perils of Investigating and Certifying Deaths in Police Custody. Am. J. For. Med. & Path., 13(2):98-100, 1992.

Kellermann, M.D., Rivara, F.P., Somes, G, Reay, D.T., Francisco, J., Banton, J.G., Prodzinski, Fligner, C.L., & Hackman, B.B.: Suicide in the Home in Relation to Gun Ownership. NEJM, 327(7):467-472, 1992.

Michaud, M.D., Rivara, F.P., Grady, M.S., & Reay, D.T.: Predictors of Survival and Severity of Disability after Severe Brain Injury in Children. Neurosurgery, Vol 31, No 2., August, 1992

Haglund, W.D. & Reay, D.T.: Problems of Recovering Partial Human Remains at Different Times and Locations: Concerns for Death Investigators. J. For. Sci., Vol 38, No 1. January, 1993

Kellermann, A.L., Rivara, F.P., Rushforth, N.B., Banton, J.G., Reay, D.T., et al: Gun Ownership as a Risk Factor for Homicide in the Home. NEJM, Vol 329, No 15:1084-1091, October, 1993

Reay, D.T., Cohen, W., & Ames, S.: Injuries Produced by Judicial Hanging: A Case Report. Am. J. For. Med. & Path., 15(3):183-186, 1994.

Wallace, S.K., Cohen, W.A., Stern, E.J., Reay, D.T.: Judicial Hanging: Postmortem Radiographic, CT, and MR Imaging Features with Autopsy Confirmation. Radiology, Vol 193, No 1:263-267, May 1994.

Reay, D.T.: So You're A Forensic Scientist, That Must Be Interesting. Forum, Supplement to Canadian Society of Forensic Science Journal, Vol 27, #4, December 1994.

Hartshorne, N.J. & Reay, D.T.: Judicial Hanging (letter) Am. J. For. Med. & Path., 16(1):87, 1995.

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Reay, D.T.: Check Sample, Editorial Comment: Forensic Pathology No FP 95-1  
(FP-202) ASCP, Vol 37, No 195, 1995.